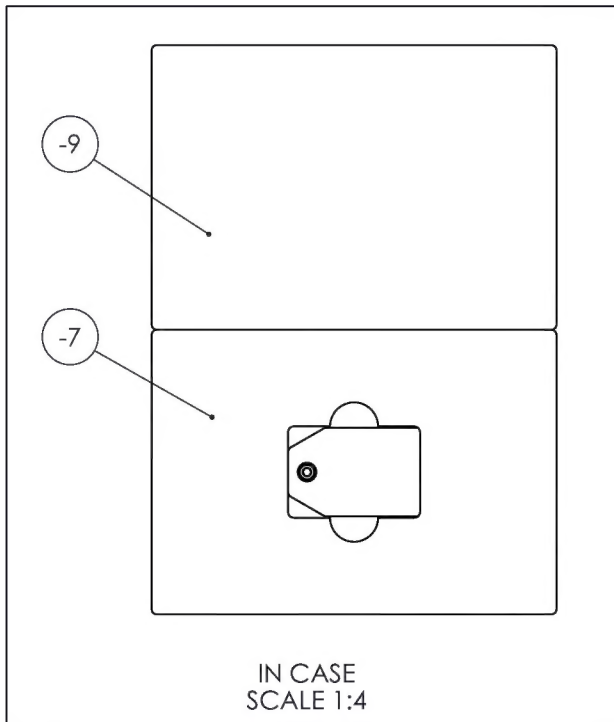
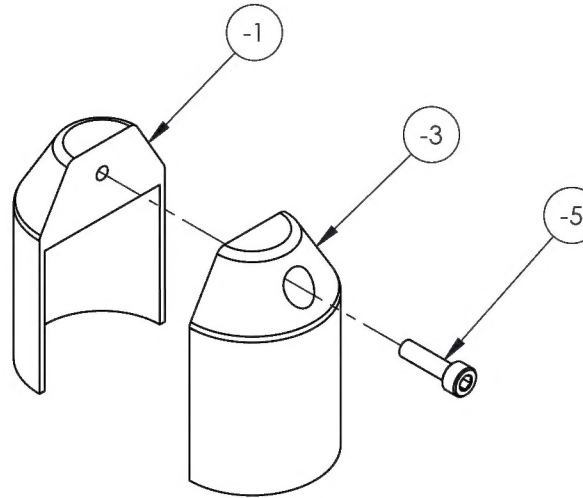
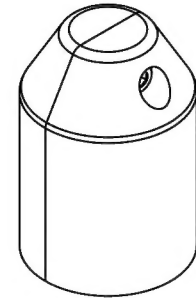


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	5/10/2016	DPD	JAG



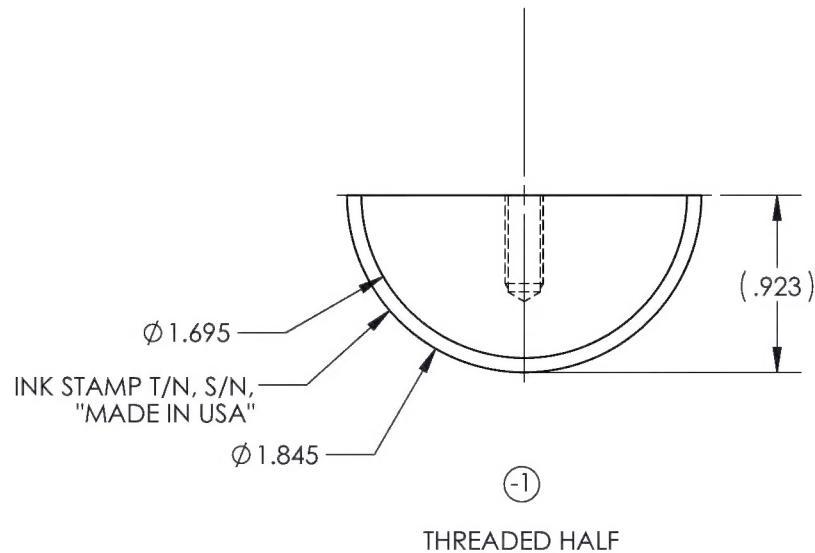
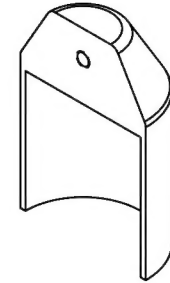
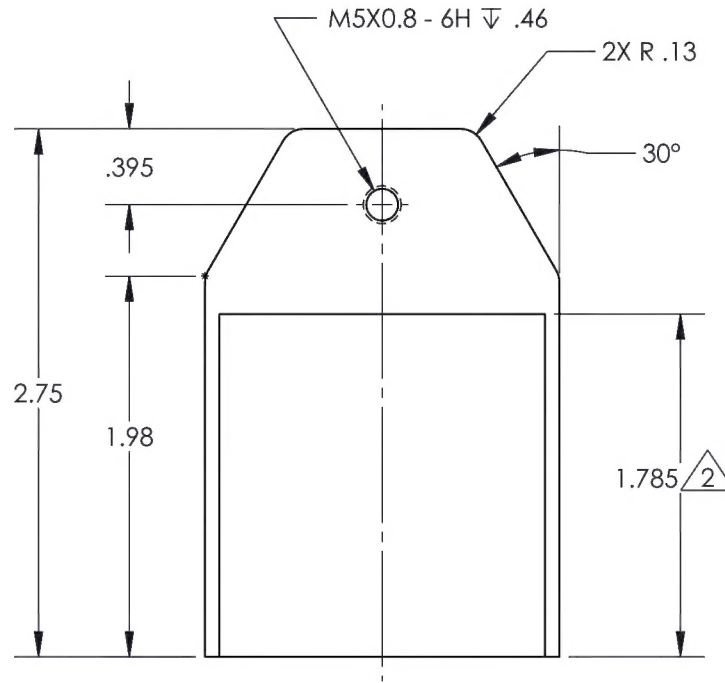
NOTE:
REF EUROCOPTER T/N: M631V3027101.

DART AEROSPACE																	
TITLE TORLON BUSH EXCHANGE																	
DWG NO. RBEM631V3027101	REV 1																
<table border="1"> <tr> <td>MAT'L</td> <td rowspan="4"> UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 </td> </tr> <tr> <td>HEAT TREAT</td> </tr> <tr> <td>FINISH</td> </tr> <tr> <td>SPEC</td> </tr> <tr> <td>DRAWN BY: DUERFELDT</td> <td rowspan="4"> USED ON MODEL H175 </td> </tr> <tr> <td>CHECKED: MACKOVJAK</td> </tr> <tr> <td>OPPS APPR: ANDERSON</td> </tr> <tr> <td>QA APPR: LINDSAY</td> </tr> <tr> <td>APPROVED: GILBERT</td> <td></td> </tr> <tr> <td>SCALE 1:2</td> <td>DATE 3/23/2016</td> </tr> <tr> <td colspan="2">SHEET 1 OF 5</td> </tr> </table>		MAT'L	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	HEAT TREAT	FINISH	SPEC	DRAWN BY: DUERFELDT	USED ON MODEL H175	CHECKED: MACKOVJAK	OPPS APPR: ANDERSON	QA APPR: LINDSAY	APPROVED: GILBERT		SCALE 1:2	DATE 3/23/2016	SHEET 1 OF 5	
MAT'L	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009																
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OPPS APPR: ANDERSON																	
QA APPR: LINDSAY																	
APPROVED: GILBERT																	
SCALE 1:2	DATE 3/23/2016																
SHEET 1 OF 5																	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	THREADED HALF	6061		2
			-3	1	COUNTERBORE HALF	6061		3
		B/O	-5	1	SOCKET HEAD CAP SCREW	S.S.	M5 X 0.8mm X 18mm (MCMaster-CARR #91292A127)	1
		B/O	-7	1	BOTTOM FOAM	Y20 BLACK	2.97 X 5.93 X 8.43 (I.R. SPECIALTY)	4
		B/O	-9	1	TOP FOAM	Y20 BLACK	.72 X 5.93 X 8.43 (I.R. SPECIALTY)	5
		B/O	-11	1	CASE	PLASTIC	PELICAN #APP-1150-E	N/S
		B/O		1	DART PLACARD	ALUMINUM	RB41011	N/S

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REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



NOTES:

1. DUAL FINISH:

1ST: CLEAR ANODIZE

MIL-A-8625 TYPE II CLASS I.

2ND: POWDER COAT YELLOW, FED #13538.

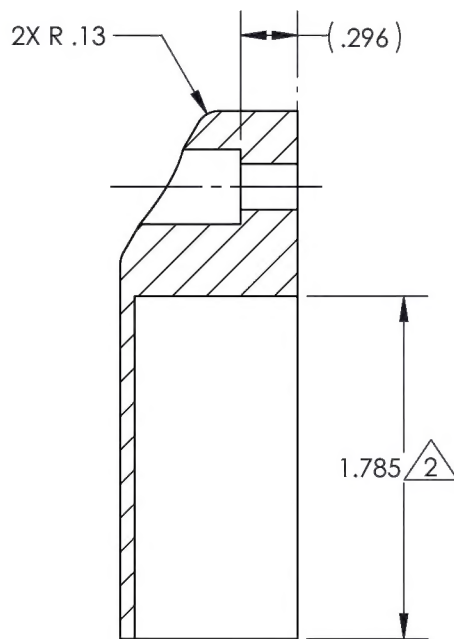
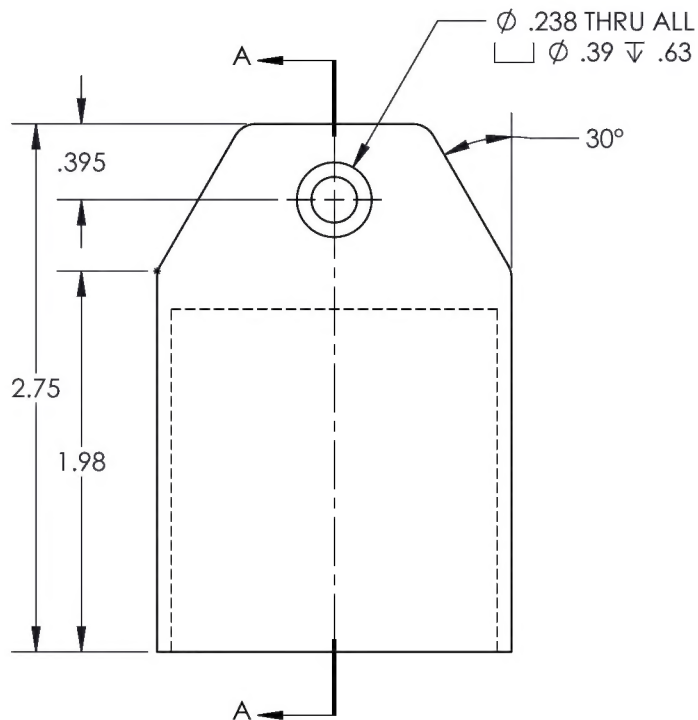


NO POWDER COAT ON THIS SURFACE.

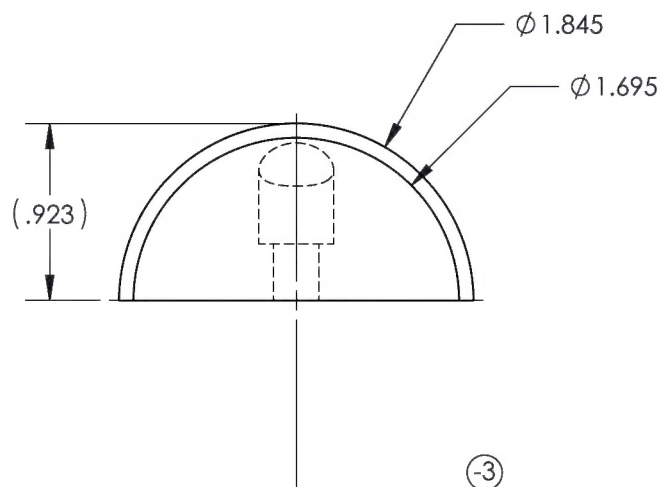
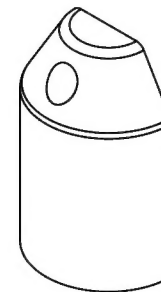
DART AEROSPACE	
TITLE TORLON BUSH EXCHANGE	
DWG NO. RBEM631V3027101-1	REV 1
MAT'L 6061 HEAT TREAT FINISH SEE NOTE 1 SPEC DRAWN BY: DUERFELDT CHECKED: MACKOVJAK OPPTS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
USED ON MODEL H175	
SCALE 1:1	DATE 3/23/2016
SHEET 2 OF 5	

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REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



SECTION A-A



COUNTERBORE HALF

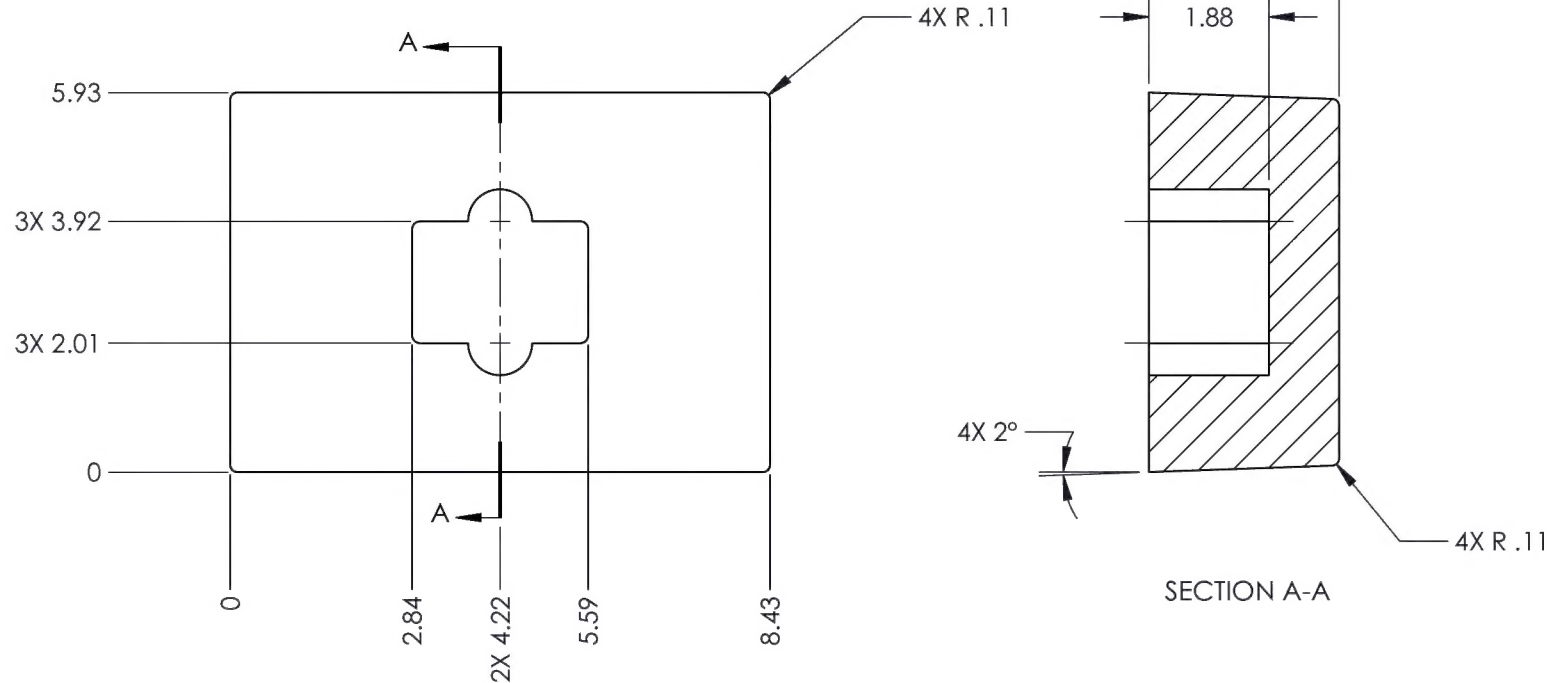
NOTES:

1. DUAL FINISH:
1ST: CLEAR ANODIZE
MIL-A-8625 TYPE II CLASS I.
2ND: POWDER COAT YELLOW, FED #13538.
2. NO POWDER COAT ON THIS SURFACE.

DART AEROSPACE	
TITLE TORLON BUSH EXCHANGE	
DWG NO. RBEM631V3027101-3	REV 1
MAT'L 6061 HEAT TREAT FINISH SEE NOTE 1 SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125 ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: DUERFELDT	USED ON MODEL H175
CHECKED: MACKOVJAK	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:1	DATE 3/23/2016
SHEET 3 OF 5	

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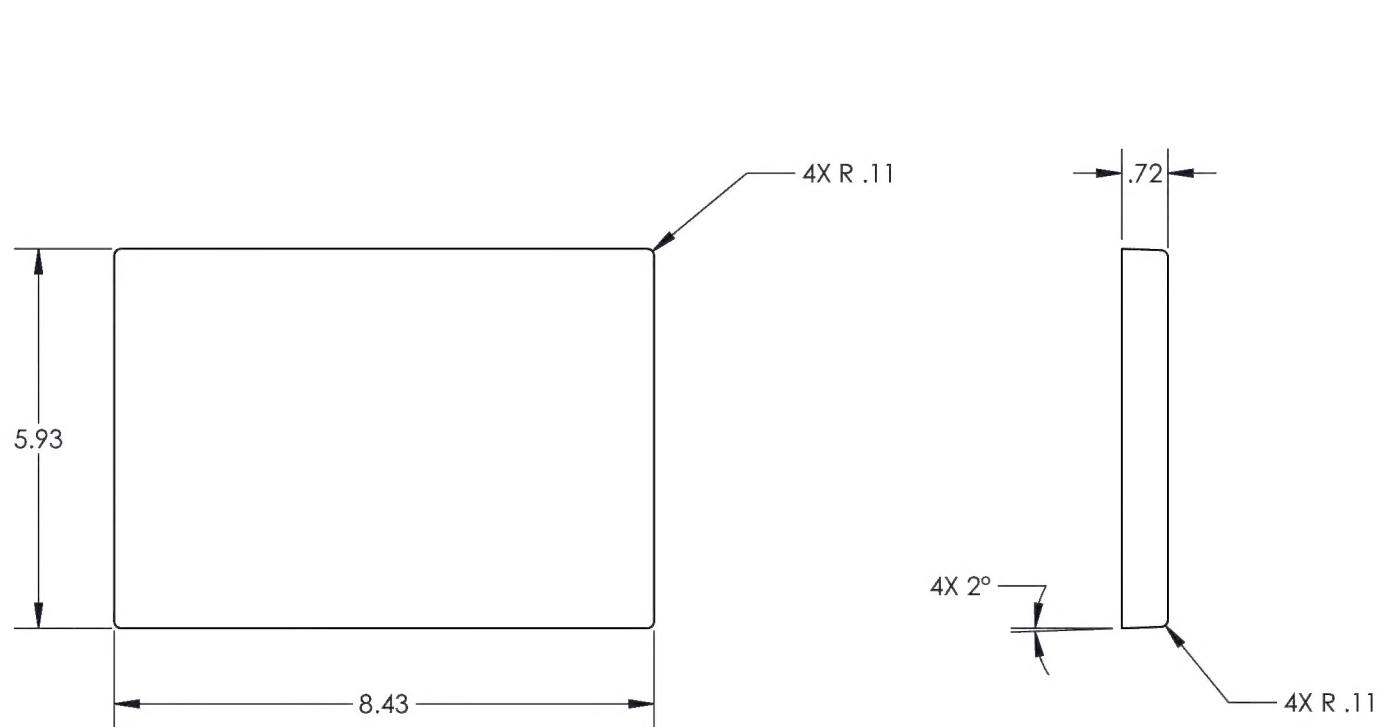
SECTION A-A

(-7)
BOTTOM FOAM

DART AEROSPACE	
TITLE TORLON BUSH EXCHANGE	
DWG NO. RBEM631V3027101-7	REV 1
MAT'L Y20 BLACK	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
	.X ± .1 SURFACES = 125/✓
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES
CHECKED: MACKOVJAK	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 1:3	DATE 3/23/2016
	SHEET 4 OF 5

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



(-9)
TOP FOAM

DART AEROSPACE	
TITLE TORLON BUSH EXCHANGE	
DWG NO. RBEM631V3027101-9	REV 1
MAT'L Y20 BLACK	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
	.X ± .1 SURFACES = 125°
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES
CHECKED: MACKOVJAK	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 1:3	DATE 3/23/2016
	SHEET 5 OF 5